

IFW 2/23

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



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- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed below.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed below.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) \_\_\_\_\_, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application

not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

Applicant does not believe that any fees are required relating to this Information Disclosure Statement. The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to Meyertons, Hood, Kivlin, Kowert & Goetzel PC, Deposit Account No. 50-1505/5150-22503/JCH.

Respectfully submitted,

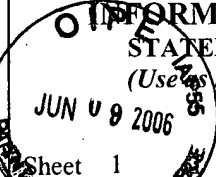


Jeffrey C. Hood  
Reg. No. 35,198  
Attorney for Applicant(s)

MEYERTONS HOOD KIVLIN KOWERT & GOETZEL PC  
P. O. Box 398  
Austin, Texas 78767  
(512) 853-8800

Date: 6/6/2006

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Substitute for form 1449/PTO Modified	<b>Complete if Known</b>
	Application Number 10/034,565
	Confirmation No.: 2587
	Filing Date: October 19, 2001
	First Named Inventor: Hugo A. Andrade
	Art Unit: 2123
	Examiner Name: Osborne, Luke R.
Attorney Docket Number: 5150-22503	

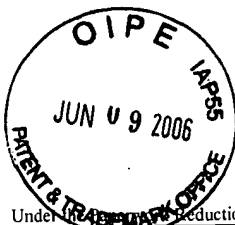
U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US - 5,309,556	5/3/1994	Robert C. Sismilich	
		US - 5,541,849	7/30/1996	Rostoker, et al.	
		US - 5,638,299	6/10/1997	Keith Miller	
		US - 5,732,277	3/24/1998	Kodosky, et al.	
		US - 5,737,235	4/7/1998	Kean et al.	
		US - 6,064,409	5/16/2000	Thomsen, et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Check if English Translation is attached
		Country Code-Number-Kind Code (if known)				
						<input type="checkbox"/>
						<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
	B1	MARLEEN ADE, RUDY LAUWEREINS and J.A. PEPERSTRAETE; "Hardware-Software Codesign with Grape"; Proceedings of the Sixth IEEE International Workshop on Rapid System Prototyping, June 1995; pages 40-47.	<input type="checkbox"/>
	B2	CHRISTIAN BOULAY, MICHEL LAFORTUNE and ROBERT GUARDO; "A High Throughput Controller for a 256-channel Cardiac Potential Mapping System"; Canadian Conference on Electrical and Computer Engineering; Sept. 1995; pages 539-542; Vol. 1.	<input type="checkbox"/>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. <sup>1</sup>Applicant's unique citation designation number (optional).



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the American Inventor Protection Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO Modified	<b>Complete if Known</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	Application Number: 10/034,565
	Confirmation No.: 2587
	Filing Date: October 19, 2001
	First Named Inventor: Hugo A. Andrade
	Art Unit: 2123
	Examiner Name: Osborne, Luke R.
Sheet 2 Of 2	Attorney Docket Number: 5150-22503

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
	B3	L. COLLAMATI, F. FILIPPETTI, G. FRANCESCHINI, S. PIRANI and C. TASSONI; "Induction Machine Stator Fault On-line Diagnosis Based on LabVIEW Environment"; Mediterranean Electrotechnical Conference; May 1996; pages 495-498; Vol. 1.	<input type="checkbox"/>
	B4	LUC DE COSTER; "Grape-II: An Introduction" [online]; Automatic Control and Computer Architectures Department; Katholieke Universiteit Leuven, Belgium, Feb. 22, 1996 Retrieved from the Internet: <a href="http://www.esat.kuleuven.ac.be/acca">http://www.esat.kuleuven.ac.be/acca</a> .	<input type="checkbox"/>
	B5	RUDY LAUWEREINS, MARC ENGELS MARLEEN ADE and J.A. PEPERSTRAETE; "Grape-II: A System-Level Prototyping Environment for DSP Applications"; Computer; Feb. 1995; pages 35-43; Vol. 28, Issue 2.	<input type="checkbox"/>
	B6	PATRICK LYSAGHT and JON STOCKWOOD; "A Simulation Tool for Dynamically Reconfigurable Field Programmable Gate Arrays"; IEEE Transactions on Very Large Scale Integration Systems; Sept. 1996; pages 381-390; Vol. 4, Issue 3.	<input type="checkbox"/>
	B7	MICHAEL PETRONINO, RAY BAMBHA, JAMES CARSWELL and WAYNE BURLESON; "An FPGA-base Data Acquisition System for a 95 GHz. W-band Radar"; IEEE International Conference on Acoustics, Speech and Signal Processing; April. 1997; pages 4105-4108; Vol. 5.	<input type="checkbox"/>
	B8	H.J.W. SPOELDER, A.H. ULLINGS and F.C.A. GROEN; "Virtual Instrumentation: A Survey of Standards and their Interrelation", IEEE Technology Conference Instrumentation and Measurement; May 1997; pages 676-681, Vol. 1.	<input type="checkbox"/>
	B9	SUJATHA SRINIVASAN, M. BODRUZZAMAN, A. SHIRKHODAIE and M. MALKANI; "LabVIEW program Design for On-Line Data Acquisition and Predictive Maintenance", Proc. of the 30th Southeastern Symp. on System Theory, March 1998; pages 520-524.	<input type="checkbox"/>
	B10	R.S.D. WAHIDABANU, M.A. PANNEER SELVAM and K. UDAYA KUMAR; "Virtual Instrumentation with Graphical Programming for Enhanced Detection & Monitoring of Partial Discharges"; Electrical Insulation Conference Sept. 1997; pages 291-296.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. <sup>1</sup>Applicant's unique citation designation number (optional).